T-BAR FLEX™
by JLC • tech

Innovative lighting engineered for seamless integration into the DESIGNFlex™ ceiling system by Armstrong CEILING SOLUTIONS
JLC-Tech, a pioneer for architecturally integrated LED lighting solutions, in partnership with Armstrong® Ceiling Solutions, brings to you a new way to reinvent your ceiling with shapes and light.

Introducing the T-BAR FLEX™, a truly integrated lighting solution for the DESIGNFlex™ Ceiling System. Utilizing JLC-Tech's patented technology of replacing the cross tees in a suspended ceiling, you can create lighting layouts like never before: From zig-zag linear patterns, to geometric shapes, the possibilities are endless.

JLC-Tech: It takes a genius to make it simple.
Installation with Armstrong is tool-free

The XM clip, specifically designed for JLC-Tech, is mounted at each end of the T-BAR FLEX for easy installation into the DESIGNFlex™ Ceiling System by Armstrong® Ceilings. It allows the fixture to become a part of the certified ceiling assembly, eliminating the need for support wires. T-BAR FLEX replaces selected cross tees of the 15/16" or 9/16" Suspension System where light is desired. (See installation instruction for more details.)

**T-BAR FLEX™ key benefits**

**no plenum occupancy**
The minimalistic low profile lighting leaves the space above the ceiling completely unoccupied and facilitates the placement of other ceiling utilities.

**improved acoustics**
The clean modern lights occupy the grid, allowing for the use of uninterrupted ceiling panels, creating a uniform ceiling design and optimizing sound absorption and light reflectance.

**reduce and save**
Installation is a snap and requires no tools.

**even foot candles**
The versatile lighting can be placed in the ceiling wherever light is needed or desired, resulting in a more uniform illumination and the ability to achieve the required foot candles.

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**example lighting layout of 60° triangle**

**Room dimensions:**
20' 9" X 20'
ceiling height - 9 ft

**Quantity of product:**
T-BAR FLEX 48" OC, 60° 9/16" (4000K)

**Average foot candle achieved at desk:** 51.15 FC
### T-BAR FLEX™ | Order Specification Guide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Type of LED/K Color</th>
<th>Size</th>
<th>Grid Type</th>
<th>Optic</th>
<th>Mounting Clips</th>
<th>Color</th>
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<tbody>
<tr>
<td>TBFL = T-BAR FLEX</td>
<td>HW = Warm White 3000K</td>
<td>16 = 24&quot; OC, 75°</td>
<td>24 = 15/16&quot;</td>
<td>D = Diffusing Lens</td>
<td>A = Armstrong® Ceilings</td>
<td>W = White</td>
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<td>64 = 48° OC, 45°</td>
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**Profile Dimensions**

- **Profile Dimensions**
- **CRI = >82**

**NOTES:**

T-BAR FLEX is designed for seamless integration into DESIGNFlex™ Ceiling Systems by Armstrong® Ceilings. Create unique shapes and patterns beyond the traditional ceiling layout. Armstrong Ceiling clips allow for easy installation, just as you would install a typical cross tee.

**APPLICATIONS:**

Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

**MOUNTING:**

Integrates with Armstrong Ceilings DESIGNFlex 15/16" Prelude® and 9/16" Suprafine® Suspension Systems.

**MATERIALS:**

Anodized and painted aluminum extruded body, steel mounting clips, white PC end caps, high transmitting acrylic PMMA lens.

**ELECTRIC:**

Universal input voltage of 120V - 277VAC. Junction box installed on fixture with integral driver and wire nuts inside for connection to line voltage and 0-10V dimming system. Fixture must be installed in accordance with local electrical codes.

**WARRANTY:**

5 years

**LISTINGS:**

ETL/cETLus CE RoHS Indoor use only.

**PHOTOMETRICS:**

- Diffusing Lens
- Clear Block Diffusing Lens
- Frosted Block Diffusing Lens

**The T-BAR FLEX™ is specifically designed for DESIGNFlex™ Ceilings Systems by Armstrong® Ceilings. To learn more about this ceiling system visit [www.armstrongceilings.com/designflex](http://www.armstrongceilings.com/designflex)**

JB Installed on top (provided)

JLC-Tech LLC | Pembroke, MA - USA | info@jlc-tech.com | www.tbarflex.com
**LENGTH DETAILS:**

![Diagram of length details](image)

<table>
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<th>Size</th>
<th>Description</th>
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<th>Y</th>
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<th>Watts</th>
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* Diffusing Lens 4000K

**EXAMPLE LAYOUTS:**

- **24" O.C. 45° Parallelograms**
- **48" O.C. 60° Triangles**
- **48" O.C. Squares and rectangles**

*For square and rectangle patterns, please refer to T-BAR LED™ product line at [www.tbarledsmartlight.com](http://www.tbarledsmartlight.com)*

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